

Storm Data and Unusual Weather Phenomena - August 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE HURON				
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- 11.6 SSW POINT AU GRES [43.81, -83.72]				
	08/20/09 13:10 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	08/20/09 13:10 EST	0		Source: C-MAN Station
PORT SANILAC TO PORT HURON MI COUNTY --- 3.1 NNW LAKEPORT [43.16, -82.51], 4.1 NNW LAKEPORT [43.18, -82.51]				
	08/20/09 13:45 EST	0		Marine Thunderstorm Wind (EG 52 kt)
	08/20/09 13:45 EST	0		Source: Trained Spotter
A tree and several large limbs were reported blown down just north of Lakeport.				
A thunderstorm moved through inner Saginaw Bay producing a 49 mph thunderstorm wind gust. A second thunderstorm produced winds in excess of 58 mph over the nearshore waters of Lake Huron near Lakeport.				
LAKE ST CLAIR				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- METROPOLITAN BEACH [42.47, -82.82]				
	08/09/09 20:00 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	08/09/09 20:00 EST	0		Source: C-MAN Station
A thunderstorm produced a 54 mph thunderstorm wind gust over Lake St. Clair.				
ST CLAIR RIVER COUNTY --- 9.5 WNW ALGONAC [42.69, -82.69], 11.3 WNW ALGONAC [42.68, -82.74]				
	08/11/09 11:32 EST	0		Marine Hail (0.75 in)
	08/11/09 11:36 EST	0		Source: Trained Spotter
LAKE ST CLAIR (U.S. PORTION) COUNTY --- GROSSE POINTE [42.27, -82.93]				
	08/11/09 16:23 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	08/11/09 16:23 EST	0		Source: Trained Spotter
LAKE ST CLAIR (U.S. PORTION) COUNTY --- GROSSE POINTE [42.27, -82.93]				
	08/11/09 16:23 EST	0		Marine Hail (0.88 in)
	08/11/09 16:25 EST	0		Source: Trained Spotter
LAKE ST CLAIR (U.S. PORTION) COUNTY --- METROPOLITAN BEACH [42.47, -82.82]				
	08/11/09 16:40 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	08/11/09 16:40 EST	0		Source: C-MAN Station
A few thunderstorms produced nickel size hail and wind gusts to 55 mph along the nearshore waters of Lake St. Clair.				
DETROIT RIVER COUNTY --- 2.5 ESE DETROIT RIVER LIGHT [42.09, -83.15]				
	08/17/09 13:12 EST	0		Marine Thunderstorm Wind (EG 56 kt)
	08/17/09 13:12 EST	0		Source: Broadcast Media
Trees were blown down on Hickory Island.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 3.2 ENE METROPOLITAN BEACH [42.49, -82.76]				
	08/17/09 14:10 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	08/17/09 14:10 EST	0		Source: C-MAN Station
An isolated severe thunderstorm tracked north through the Detroit River into Lake St. Clair.				
ST CLAIR RIVER COUNTY --- PORT HURON [42.98, -82.42]				
	08/20/09 13:50 EST	0		Marine Thunderstorm Wind (EG 54 kt)
	08/20/09 13:50 EST	0		Source: Newspaper

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Several trees were reported blown down in Port Huron.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 3.1 E METROPOLITAN BEACH [42.47, -82.76]				
	08/20/09 14:00 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	08/20/09 14:00 EST		0	Source: C-MAN Station
A few strong to severe thunderstorms moved through Lake Saint Clair and the Saint Clair river into far southern Lake Huron.				
MICHIGAN, East				
WAYNE COUNTY --- 2.0 WSW METTETAL ARPT [42.34, -83.49]				
	08/08/09 10:18 EST		15K	Lightning
	08/08/09 10:18 EST		0	Source: Newspaper
A lightning bolt struck a residence home on Rolling Ridge Court, leading to an attic fire.				
WAYNE COUNTY --- 2.4 WSW METTETAL ARPT [42.34, -83.49]				
	08/08/09 13:00 EST		5K	Lightning
	08/08/09 13:00 EST		0	Source: Newspaper
Lightning struck a chimney causing damage to the home, which included the water heater and sump pump.				
A pair of lightning strikes caused minor damage in Canton.				
LAPEER COUNTY --- IMLAY CITY [43.03, -83.08]				
	08/09/09 00:45 EST		0.10M	Thunderstorm Wind (EG 56 kt)
	08/09/09 00:45 EST		0	Source: Newspaper
Numerous trees and tree limbs were blown down, some of which brought down power lines and fell onto homes. Power lines were also reported being snapped.				
MACOMB COUNTY --- 1.0 S ROMEO [42.79, -83.02]				
	08/09/09 01:30 EST		0	Thunderstorm Wind (EG 52 kt)
	08/09/09 01:30 EST		0	Source: Trained Spotter
A four inch diameter tree was reported blown down at 31 mile and Powell.				
LIVINGSTON COUNTY --- 1.9 W FLEMING [42.60, -84.01]				
	08/09/09 18:15 EST		3K	Thunderstorm Wind (EG 54 kt)
	08/09/09 18:15 EST		0	Source: Trained Spotter
Twelve inch diameter trees were reported down near Mason Road.				
GENESEE COUNTY --- 2.3 SSE GOODRICH [42.89, -83.48]				
	08/09/09 18:25 EST		0	Thunderstorm Wind (EG 54 kt)
	08/09/09 18:25 EST		0	Source: Trained Spotter
A 2 foot diameter tree was blown down near the intersection of M15 and Kipp roads.				
ST. CLAIR COUNTY --- 2.5 NNW ANCHORVILLE [42.71, -82.69]				
	08/09/09 19:35 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/09/09 19:35 EST		0	Source: Trained Spotter
Six to nine inch diameter tree limbs were blown down on Church Road.				
MACOMB COUNTY --- 2.9 WNW MT CLEMENS [42.60, -82.92]				
	08/09/09 19:40 EST		1K	Thunderstorm Wind (EG 53 kt)
	08/09/09 19:40 EST		0	Source: Trained Spotter
Large tree limbs were reported down.				

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MACOMB COUNTY --- 1.4 S (MTC)MT CLEMENS/SELF [42.58, -82.83]				
	08/09/09 19:50 EST		2K	Thunderstorm Wind (EG 53 kt)
	08/09/09 19:50 EST		0	Source: NWS Employee
Eight to ten inch diameter tree limbs down and traffic lights out in Harrison Township.				
MACOMB COUNTY --- 2.9 WNW MT CLEMENS [42.60, -82.92]				
	08/09/09 19:50 EST		0	Hail (0.88 in)
	08/09/09 19:50 EST		0	Source: Trained Spotter
WAYNE COUNTY --- COVENTRY GARDENS [42.40, -83.37]				
	08/09/09 20:05 EST		0	Thunderstorm Wind (EG 60 kt)
	08/09/09 20:05 EST		0	Source: NWS Employee
A National Weather Service employee estimated a 60 mph thunderstorm wind gust.				
A moist unstable environment produced a few marginally severe thunderstorms between the I-94 and I-69 corridors.				
LAPEER COUNTY --- 3.7 S HOLLOWAY RES [43.10, -83.45], 5.0 ESE GOODLAND [43.07, -82.98], 1.1 ESE ALMONT [42.92, -83.01], 3.0 W HADLEY [42.96, -83.46]				
	08/09/09 01:40 EST		3M	Flood (due to Heavy Rain)
	08/09/09 14:30 EST		0	Source: Law Enforcement
Numerous roads were flooded and closed. The most significant road damage was M-53 south of Imlay City which was washed out and had to be closed for about 10 days. Over two dozen homes were also damaged due to the flooding. A local state of emergency was declared.				
Five to eight inches of rain falling within a 30 hour period lead to widespread flooding across southern Lapeer county. A few reported rainfall totals include: 7.4 inches in Almont, 6.3 inches in Imlay City, and 5.65 inches in Lapeer.				
MACOMB COUNTY --- 3.0 WNW NEW BALTIMORE [42.70, -82.78]				
	08/11/09 11:24 EST		0	Hail (0.88 in)
	08/11/09 11:24 EST		0	Source: Trained Spotter
MACOMB COUNTY --- 2.0 W NEW BALTIMORE [42.68, -82.77], 2.1 ENE NEW BALTIMORE [42.69, -82.69]				
	08/11/09 11:32 EST		0	Hail (0.75 in)
	08/11/09 11:36 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 1.2 NE GROSSE PT WOODS [42.44, -82.90]				
	08/11/09 16:23 EST		0	Hail (0.88 in)
	08/11/09 16:25 EST		0	Source: Trained Spotter
Spotter also measured a 54 mph thunderstorm wind gust.				
A few thunderstorms developed near Lake St. Clair and produced nickel size hail and wind gusts up to 55 mph.				
SANILAC COUNTY --- 0.7 S SNOVER [43.46, -82.97]				
	08/16/09 12:30 EST		15K	Thunderstorm Wind (EG 54 kt)
	08/16/09 12:30 EST		0	Source: Emergency Manager
An empty silo was blown down, along with several tree tops blown off.				
LAPEER COUNTY --- 0.7 S IMLAY CITY [43.02, -83.08]				
	08/16/09 16:39 EST		15K	Thunderstorm Wind (EG 52 kt)
	08/16/09 16:39 EST		0	Source: Law Enforcement
An old barn was blown over and wires were also reported down.				
Two localized severe cells developed over the thumb region.				
WAYNE COUNTY --- 0.9 NNE GROSSE ILE NAS [42.11, -83.15], 0.9 SSW GROSSE ILE NAS [42.09, -83.15]				

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	08/17/09 13:12 EST		0.25M	Thunderstorm Wind (EG 56 kt)
	08/17/09 13:13 EST		0	Source: Broadcast Media

A couple dozen trees were blown down, some of which landed on a few homes.

An isolated severe thunderstorm moved north through the Detroit River.

ST. CLAIR COUNTY --- 1.2 NW LAKEPORT [43.13, -82.50]				
	08/20/09 13:45 EST		0	Thunderstorm Wind (EG 52 kt)
	08/20/09 13:45 EST		0	Source: Trained Spotter

A large tree was blown down and uprooted.

ST. CLAIR COUNTY --- 1.7 NW LAKEPORT [43.14, -82.50], 2.9 NNW LAKEPORT [43.16, -82.50]				
	08/20/09 13:45 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/09 13:45 EST		0	Source: Trained Spotter

A few large tree limbs were reported blown down.

ST. CLAIR COUNTY --- 3.1 ENE JEDDO [43.16, -82.51]				
	08/20/09 13:45 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/09 13:45 EST		0	Source: Trained Spotter

A large tree limb was reported blown down.

ST. CLAIR COUNTY --- PORT HURON [42.98, -82.42]				
	08/20/09 14:05 EST		0.18M	Thunderstorm Wind (EG 57 kt)
	08/20/09 14:05 EST		0	Source: Newspaper

Dozens of trees and power lines were reported blown down. Trees blocked roads and at least two fell onto houses.

A few severe thunderstorms moved through eastern Saint Clair County, which the most damage occurring in Port Huron.